

PWS ID# 3003303**301 N 1st Street
Altus AFB, OK 73521**

10 Jun 13

Re: 2012 Annual Water Quality Report
(Consumer Confidence Report)

Dear Water Customer:

Altus Air Force Base purchases water from the City of Altus and provides safe drinking water to your homes. Attachment 1 from the City of Altus water system and the table below show the quality of your water. We are required to collect and test bacteria, lead, and copper samples in addition to those already tested by the City of Altus. No bacteria were detected in the samples collected in 2012. Additionally, lead and copper sampling showed all samples were below acceptable levels.

Altus AFB Monitoring period of January 1 st thru December 31 st , 2012						
Microbiological Monitoring Results						
Contaminant	Violation Y/N	Range Detected	Highest Level Reported	MCL ¹	MCLG ²	Likely Source of Contamination
Total Coliform Bacteria (6 per month)	N	N/A	0	5%	0	Naturally present in the environment
Non-biological Monitoring Results						
Contaminant	Violation Y/N	Range Detected	Highest Level Reported	MCL	MCLG	Likely Source of Contamination
Lead 90 th Percentile (ppb)	N	<0.5-12.2	0.5 ³	15.0	0	Corrosion of household plumbing systems, erosion of natural deposits.
Copper 90 th Percentile (ppb)	N	72 - 1330	905 ³	1300	0	Corrosion of household plumbing systems, erosion of natural deposits.

1-Maximum Contaminant Level – highest level of contaminant allowed in drinking water

2-Maximum Contaminant Level Goal – level below which there is no known or expected health risk

3-The 90th Percentile rule is used for lead and copper, which mean that although one sample may be above the MCL, the highest level reported is the amount that 90% of the samples are below

In addition to the above testing, Altus AFB will be required to comply with the disinfection by-product rule (DBPR) starting in 2014. The requirement will be a rolling 4-quarter average which must not exceed either the Total Trihalomethane (TTHM) limit of 80 ppb or the Halo Acetic Acid (HAA) limit of 60 ppb. Altus AFB began sampling TTHMs in February 2013. As you know, the City of Altus has been addressing the problem of elevated TTHM levels in our drinking water for two years. This past year, TTHM levels have increased due to historically high water demands, draught, and unusually high water temperature. To address this, the City of Altus has pending upgrades to their treatment plant which should decrease the TTHM levels. Additionally, Altus AFB is reviewing our own treatment options to address the TTHM concerns. We will continue monitoring TTHM levels ahead of required compliance dates until the constituent is mitigated to acceptable levels. Of note, it is not anticipated that HAA levels will be a concern for our distribution system. For further guidance on TTHMs, please see Attachment 2.

For additional information regarding our local water supply, see Attachment 1 for summary sample results for the City of Altus 2012 Consumer Confidence Report. Should you have any questions or concerns regarding your water, please contact Bioenvironmental Engineering at (580) 481-5494.

Sincerely,

A handwritten signature in cursive script that reads "Megan M. Batten".

MEGAN M. BATTEN, Capt, USAF, BSC
Bioenvironmental Engineering Element Chief

Atch:

- 1) City of Altus Annual Water Quality Report
- 2) 2012 Community Letter Regarding TTHMs